

AMENDMENTS TO THE CLAIMS

Claims 3, 4, 5, 12, 13, and 17-27 are cancelled. This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

1. (Currently Amended) A large diameter check valve, comprising:

an upstream inlet part mountable on the discharge end of a conduit;

a downstream outlet part adapted to prevent backflow of fluid through the check valve;

a transition part located between the upstream inlet part and the downstream outlet part; and

a rigid embedded support plate connected to an upper portion only of at least said inlet part and said transition part;

said support plate including a plurality of bonding holes and at least one reinforcing rib thereon;

said support plate further having a size and contour similar to an upper portion of at least the inlet part and the transition part of the check valve.

2. (Original) The check valve of claim 1, where said support is embedded within said check valve.

3. - 5. (Cancelled)

6. (Original) The check valve of claim 1, where said outlet part is mounted with a vertical orientation.

7. (Original) The check valve of claim 1, further comprising a flange on the upstream inlet part.

8. (Original) The check valve of claim 1, where said check valve is made at least in part from an elastomeric material.

9. (Original) The check valve of claim 8, further comprising a synthetic fiber reinforcement in said elastomeric material.

10. (Original) The check valve of claim 1, where said upstream inlet part is made at least in part from a stiff durable material.

11. (Original) The check valve of claim 1, where said upstream inlet part includes a polyester fabric reinforcement.

12. - 13. (Cancelled)

14. (Currently Amended) The check valve of claim 31 further comprising a first flange on said upstream inlet part, and where said support further comprises a second flange being connected to said plate, said first flange being connected to said second flange.

15. (Currently Amended) The check valve of claim 1, wherein said support is comprised of a curved plate connected to said inlet part and at least one bar being attached to said curved plate and at least to said transition part.

16. (Original) The check valve of claim 15, further comprising a first flange on said upstream inlet part, and where said support further comprises a second flange connected to said curved plate, said first flange being connected to said second flange.

Application No. 10/628,041
Paper Dated: April 28, 2005
In Reply to USPTO Correspondence of April 19, 2005
Attorney Docket No. 4721-031125

17. - 27. (Cancelled)